



AF 3763 61

PATENT
ATTY. DOCKET NO. L-F/104H

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Niehoff
Serial No. : 09/307,633
Filed : May 7, 1999
For : CONTROLLING PLUNGER DRIVES FOR FLUID INJECTIONS IN ANIMALS

Art Unit: 3763
Examiner: J. Maynard

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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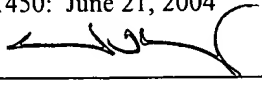
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO 1449, copies of which are enclosed.

The Japanese Patents do not have translations but the English Abstracts are being provided. The English abstract of item A.L. is a published abstract cited as Item A.R. on the attached PTO-1449. The U.S. Patents submitted herewith are U.S. equivalents of Japanese documents cited in Japan.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. I, the undersigned, hereby certify that each item of information contained in this statement was cited in a communication from a foreign patent office in a

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid in an envelope addressed to: Mail Stop IDS, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450: June 21, 2004


Thomas W. Humphrey
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counterpart foreign application not more than three months prior to the filing of this statement.

If any petition for extension of time is necessary to accompany this communication, please consider this paper a petition for such an extension of time, and apply the appropriate extension of time fee to Deposit Account 23-3000. If any other charges or credits are necessary to complete this communication, please apply them to Deposit Account 23-3000.

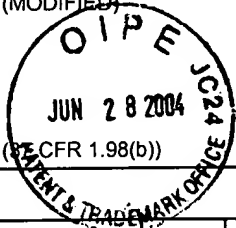
Respectfully submitted,



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SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
L-F/104HSERIAL NO.
09/307,633INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
NiehoffFILING DATE
May 7, 1999GROUP
3763

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | | | | | | | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----|---------------|---|---|---|---|---|---|---------------|--------------|-------|----------|-------------------------------|
| | A.A | 4 | 5 | 6 | 2 | 8 | 2 | 9 | 1/1986 | Bergner | 128 | 1.1 | 5/1984 |
| | A.B | 5 | 1 | 3 | 9 | 4 | 8 | 4 | 8/1992 | Hazon et al. | 604 | 154 | 1/1988 |
| | A.C | | | | | | | | | | | | |
| | A.D | | | | | | | | | | | | |
| | A.E | | | | | | | | | | | | |
| | A.F | | | | | | | | | | | | |
| | A.G | | | | | | | | | | | | |
| | A.H | | | | | | | | | | | | |
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| | A.J | | | | | | | | | | | | |
| | A.K | | | | | | | | | | | | |

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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION (YES/NO) |
|--|-----|--------------------|---------------------|-----------------------------|-------|----------|-------------------------|
| | A.L | JP1-280471 | 11 Oct 1989 | Japan | A61M | 5/00 | No |
| | A.M | JP2525301 | 7 Nov 1996 | Japan | B27G | 21/00 | Yes |
| | A.N | JP61-85960 | 1 May 1986 | Japan | A61M | 5/14 | Yes |
| | A.O | | | | | | |
| | A.P | | | | | | |
| | A.Q | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------|
| A.R | Ohira Osahisa, <u>Cylinder Pump Having Flow Rate Set Value Locking Mechanism</u> , Japanese Abstract JP1280471, Published 1989-11-10 |
| A.S | |
| A.T | |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.